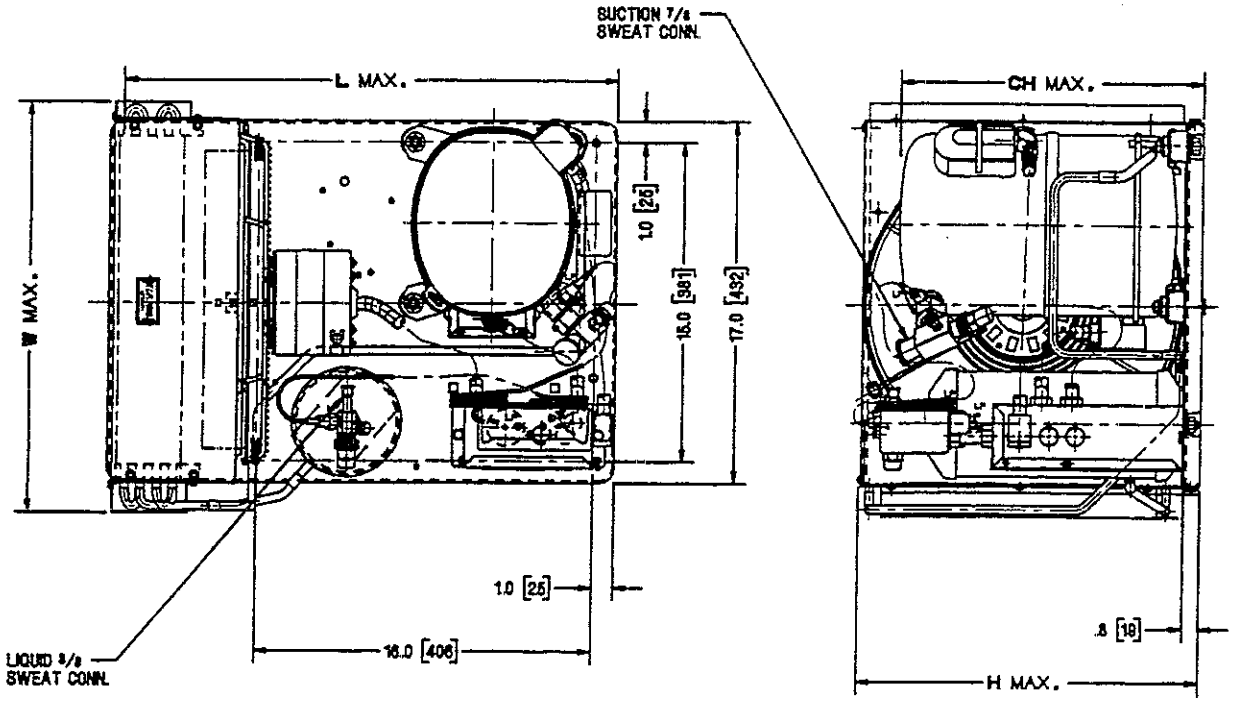
TECUMSEH HERMETIC CONDENSING UNITS

Date: July 15, 1999

MODEL AWG4516EXNXC **R-22** **1 1/2 HP** **AIR COOLED**



NOTE: DIMENSIONING = INCHES [MILLIMETERS]

Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AWA4516EXNXC	24.0	19.4	16.2	15.6	7/8S	3/8S	11.3	780	38	120

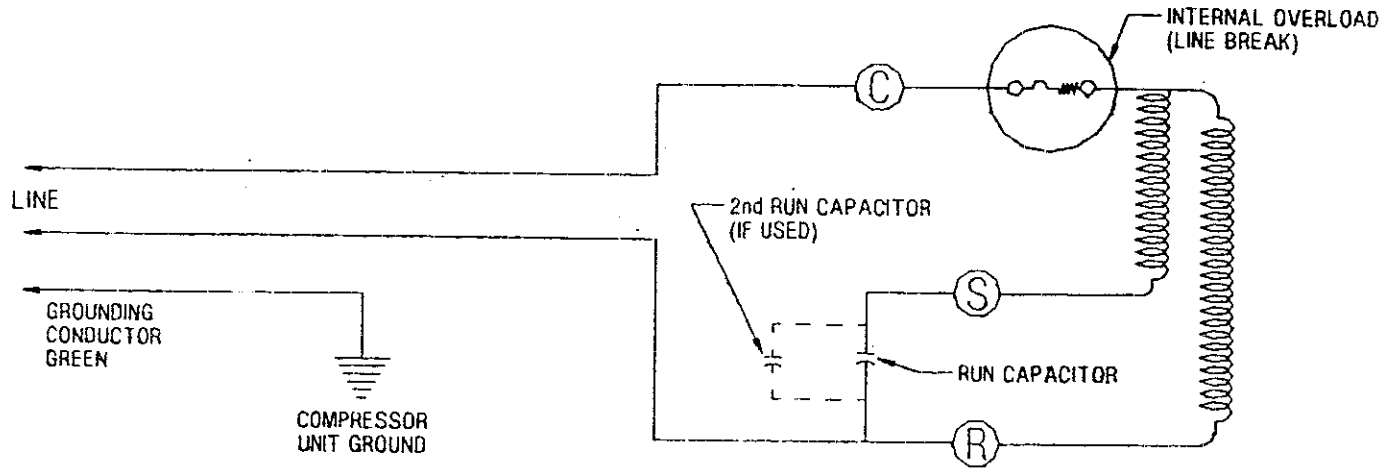
*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig nitrogen - **MUST BE EVACUATED** **60 HZ PERFORMANCE**

Approved Evap. Range		Ambient											
		80°F			90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
10	32.8	8146	1159	184	7395	1151	209	6232	1161	239	5267	1133	268
15	37.7	9169	1202	189	8329	1210	215	7212	1224	244	6206	1212	274
20	43.0	10284	1251	195	9353	1272	221	8247	1291	251	7192	1294	282
25	48.7	11491	1305	203	10466	1338	229	9338	1360	258	8223	1376	290
30	54.8	12791	1363	211	11670	1406	237	10483	1433	267	9300	1461	299
35	61.4	14183	1427	220	12963	1478	246	11684	1509	276	10424	1547	308
40	68.5	15667	1496	230	14347	1553	257	12941	1588	287	11593	1635	319
45	76.0	17244	1569	241	15820	1631	267	14252	1671	299	12808	1724	331
50	84.0	18913	1648	253	17383	1712	279	15619	1757	311	14069	1815	343
55	92.6	20674	1732	266	19037	1796	292	17041	1845	325	15377	1907	356

Return gas temp. 65 ° F, 5 ° F subcooling

Date: 6-28-99

SPECIFICATIONS	AWG4516EXNXC
Nominal Voltage	230/208-60-1
Parts B/M	2B1112-1
Voltage Range	253 to 187
Min. Circuit Ampacity	11.3
Max. Fuse Size (Amps)	15
Compressor Model	AWG5515EXN
Bill of Material	AW700ET-111
RLA/LRA	7.82/43.0
Fan RLA	1.30
Overload	INTERNAL
Cap. Cab. Assy.	AE1397-011
Relay	820ARR3J44
Start Capacitor	85PS330D17
MFD/Voltage	145-175/330
Run Cap.	85PR370E35
MFD/Voltage	20/370
Pressure Control	84066 (Dual)
Fan Motor	810S050A99
Fan Blade	51568
Sng. Fan Shroud	70727-1
Condenser	50857
Fan Guard	70831
Receiver Tank	51081-1
Rec.Tank RL Valve	31581-1(3/8"S)
Unit Drawing	SU1918
Schematic or Elect. Dwg.	DEAW-3



230 VOLT-SCHEMATIC WIRING
DIAGRAM-PSC-INTERNAL OVERLOAD (LINE BREAK)